

Attorney Docket No. 231181

Client Reference No. 58512

Date: February 14, 2008

In re Application of: Hegemann et al.

Application No. 10/510,628

Confirmation No. 4179

Filed: May 9, 2005

For: Use of Biological Photoreceptors as Directly Light-Activated Ion Channels

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a reply to office action in the subject application.

- Small entity status is claimed for this application under 37 CFR 1.27.
- Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- Other: Replacement Sequence Listing on paper copy and Computer Readable Form, and Statement verifying the identity of copies.
- Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal is enclosed herewith (unless submitted via EFS-Web).

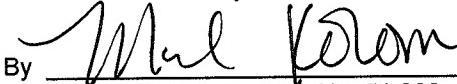
					SMALL ENTITY	OTHER THAN A SMALL ENTITY		
TIME EXTENSION PETITION FEE		one-month			\$ 0.00	\$120.00		
subtract time extension fee previously paid		none			(\$ 0.00)	(\$ 0.00)		
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	
TOTAL	28	MINUS	31	=	x 25 =	\$	x 50 =	\$0.00
INDEPENDENT	1	MINUS	3	=	x 105 =	\$	x 210 =	\$0.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE CLAIM					+ 185 =	\$	+ 370 =	\$
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$	TOTAL	\$120.00

- The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

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